Dahlias do best when grown in beds

by themselves, fully exposed to the sun and out of the reach of the roots of

Keep the ground around dahlias well

cultivated and free from weeds. Stir the surface of the soil frequently.

An application of any standard fer-

tilizer raked into the surface of the

soil around the plants two or three

times during the season will help de-

than two to a hill for strong plants

Only permit one stalk and not more

Stake dahlia plants early so they

Heavy soil can be lightened for dah iia culture by adding a liberal covering

under and well mixed with the soil.

PRUNING ROSES.

My neighbor, who is a most success

summer. Many other roses like Van

that she grows in the same way with-

ROSE BEADS.

Rose beads are really made of the

beads. They are manufactured prin-

cipally at Adrianople, Smyrna and

Robert Pyle in his interesting book

through a meat chopper until they

become pulp. To have the beads a

jet black place the pulp in an iron pan

or mix in a teaspoonful of ground cop-

ughly; the mixture will soon become

brown. Now set in the sun or warm

even until it gets black. After this

put all through a meat chopper again

Figures can be worked into the beads

with any sharp instrument while they

are still soft. Transfix them to a

POISON IVY.

from every part of the plant, the

spreading blisters and swelling

up and given a good handling; also ext winter when the leaves of the

of laundry soap would remove prac-

tically all of the poisonous oil. Some-

to remove all of its traces. Even after the poison has made considerable

headway the same treatment would

quickly check and eradicate the dis-

ease, it being evident in each instance

that as soon as the poisonous oil was

imes such washes would be necessary

be developed.

peras (ferri sulphas) and stir thor. stirred.

habit by supporting them on a fence. age are as follows:

er it, and they keep up the bloom all only prevents excess evaporation, but

peck has been obtained. Grind these stunted and is of little value.

trees or shrubs.

velop the flowers.

and large flowers.

will not be broken by storms

the trouble.-W. W. ZINCK.

the summer.

best success.

entrance of rains

temperature in the soil.

to root development.

as fertilizer.

IMPORTANCE OF THOROUGH TIL-

LAGE IN THE HOME GARDEN.

culture.

So far as soil management is con-

2. To conserve soil moisture by maintaining a dust mulch over the

also offers favorable conditions for the

3. To modify soil temperatures. Till-

age tends to maintain a more even

the surface and allowing more air to

5. To provide proper conditions for

the action of friendly bacteria, which

are the small micro-organisms that

help to decompose plant foods, thus

rendering them more easily available

6. To destroy weeds. Weeds rob

the soil of both moisture and fertility.

above ground. A plant robbed above

soil can take in a larger quantity of

water in a short time than if it is not

No definite rules can be offered in

regard to cultivation or tillage. Sandy

soils can be tilled soon after a rain Heavy clay soils cannot. Never culti-

soil has dried slightly following rain.

maintain at all times a loose mulch on

For the home garden the best tools

to use are wheel hoes, ordinary garden

hoes, rakes and small hand weeders.

Cultivate after each rain in order

below ground soon becomes

7. To prevent surface washing. If

By W. B. NISSLEY.

- With all its light and mirth,
  And June leads on the laughing hours less the weary earth
- The sunshine lies along the street. So dim and cold before,
  And in the open window creeps and slumbers on the floor
- st be more than beautiful.
- A paradise, to-day! If I were only there again.
- I'd seek the lanes apart, And shout aloud in mighty words
- to ease my happy heart
- But prisoned here with flat brick walls,
- I sit alone and sigh; My only glimbse of summer near.

**CLARENCE B. FARGO** 

Still time to plant Gladioli for to

YOU LATE PLANTERS!

NOTICE THIS!

HARLOWARDEN GARDENS

CLIPPER LAWN MOWER CO. Dixon, It.

&c. Circulars Samples

**HAY CAPS** 

HENRY DERBY

453 S. ST. PAUL'S AVE.

ASTER PLANTS.

JERSEY CITY

A strip of cloudy R. H. STODDARD.

> Box edgings may be trimmed now. Fill up the spaces with new plants.

New plants of red raspberries can

Perennial phlox make good pot plants for greenhouse and conservatory. Pot moderate size plants in 9 or 10 inch trellis or wall. She gives them one

removing to the house when they show other on one wall that completely cov- entire surface of the soil. This not Double Value This Week

> for flower beds. robusta, edged with lobelia, make at- and lovely. tractive beds.

fuchsia Meteor closely pegged down, also make unusual beds. Salpiglossis mixed with geraniums gives a relief from the many beds of petals of roses-that is, real rose solid geraniums.

LAST CALL TO PLANT THE REST OF THAT GARDEN We have really a fine LOT OF RIG ASTERS, VERHENAS, REAL CHRYSANthe operator's abuse of the machine. ASTERS, VERBENAS, LOT OF RIG HERMAN, CANATIONS, STANDARD SALVIAS, HELIOTROPES, FANCE CAN-

NAS MARIGOLDS, DOUBLE STOCKS, DOUBLE STOCKS, DOUBLE STOCKS, DOUBLE STOCKS, DOUBLE STOCKS, DOUBLE STOCKS, SALPIGLOS-SIS they are picked.

BELIAS the BERGIAS and BLUE LO-Blackberry and taspberry suckers should be treated as weeds.

ALL ABOVE READY TO PLANT NOW, ANY 23 for \$1.00; any 61 for \$2.50; any 130 for \$5.00; any 275 for \$10.00. Bordeaux-arsenate of lead mixture as until it becomes like putty and then soon as the fruit sets. Give a second form the beads, round, square, hexagapplication about ten days later and a onal. &c., but form them twice the correct time to cultivate is after the THE CLIPPER later. This prevents rot and wormy

bags.

When the June drop is over thin out use of a mortar instead of a meat the fruit on heavily laden peach trees, chapper.

## DAHLIA NOTES.

hydrant water is not available, a good plan is to make a basin shaped mound

set Astermums
rego pink, rose,
ple, La is RooseBranching white,
SLIESMEN WANTED to talk our line
fruit trees shrubbers; salary or commission
payable weekly; year round employment
payable weekly; year round employment
permy NURSERIES, Rochester, N. Y.
Established V. verse Oldbrick Farms, Orwell, Ashtabula Co., Ohio. Established

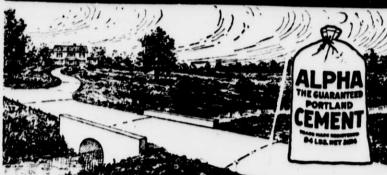
## STERLING VASES

Keep plants flourishing in dryest tion was made from the Fruit Grower riety, a hybrid produced on the Cenweather. Watering necessary only poisonous but that an irritation of Canada. It ripens in 98 to 135 days once in two weeks. Cost no more the skin results from coming in conthan ordinary vases. The only tact with a microscopic insect that the rust and fall rains of wet seasons. satisfactory vase for lawns and lives on the under side of the leaves and the early fall frosts.

Find out about it. of the plant.

Where winter wheat can it outyields any spring we Ask for catalogue.

Sterling Grinding Wheel Co. Mention THE SUN



## Concrete Roads and Culverts Save Taxes, Last Longest

Concrete roads are solid, clean, dustless and practically wearproof. No other material has such a low yearly cost. Government and State road experts specify concrete culverts because they outlast steel and tile; cannot rot, rust or give way, and do not clog. The upkeep cost is practically nothing on good concrete work made with

# ALPHATIKE CHARANTEED CEMENT

It is economical to use ALPHA for all of it is sure to be of full tensile

Chemists during its manufacture. Under the ALPHA system it is imof it is sure to be of full tensile strength. There are various makes of "Portland Cement." Every bag of the ALPHA brand is stamped guaranteed to more than meet the U.S. Government standard.

Under the ALPHA system it is impossible for weak cement to be shipped out. In buying ALPHA you are sure of getting the best quality—the same high-grade brand used in Calweston Sea Wall and other big jobs.

Get a copy of our big, illustrated book—"ALPHA Coment—How to Use It." tells how to make driveways, walks, culverts, barne, siles, poultry houses a scores of other improvements. It is yours for the asking.

Leading dealers of New York City, Brooklyn, Staten Island, Long Island, Westchester, Connecticut and New Jersey.

PORTLAND CEMENT COMPANY, 50 Church Street, New York,

CONCRETE FOR PERMANENCE

hocks and delphiniums before wind- liege and few or inferior flowers. Sandy soil, well fertilized, gives the best results with dahlias.

Give onions plenty of water and

Sweet peas require plenty of water at the roots, and the foliage should be sprayed several times a week.

Rubber bands, not too tight, placed over carnation buds before they open will prevent splitting.

Blackbirds and starlings devour large numbers of slugs. Toads also help keep slugs down and so do moles

If the hoe is idle the garden will suffer

Clematis should be tied up as the growths lengthen.

be taken from the suckers that are thrown out by the old plants.

moderate size plants in 9 or 10 inch pots in good rich earth, mixed main stem for two feet on the perpen
1. To modify the physical condition of the soil by loosening the soil, espe
1. To modify the physical condition of the soil by loosening the soil, espewith it a little sand and well decayed dicular and then secures the laterals cially the hard surface. Place the pots in a sheltered to the supports. She has grass, place in the border or plunge them, teplitz and safrano interlacing each

Thrift makes a good border plant Houtte, Jacqueminot, Burbank, &c., Flowering begonias with Grevilla out shears and the effect is picturesque

Ivy leaved geraniums, edged with

Lawn mowers are not benefited by eaving them out exposed to the Constantinople. weather. They are made to cut smooth even surfaces of grass and are not in- on "How to Grow Roses" gives the tended for cutting sticks, stones or following directions for making the and also shade and crowd the plants hillocks or for filling up holes. Manu- leads: Gather the petals of roses facturers are frequently blamed for fallen flowers will answer, until half a and

Berries should be put in a cool place out of the sun as soon as possible after

A paper bag tied over each bunden and dry. In two or three ways the clipper will be asson the Clipper will of grapes when the fruit is well formed and dry. In two or three ways them all out. Your dealer should and left until the grapes are ripe will be strung through the hole left when give perfect bunches. Birds and in-

If the weather becomes hot and dry

third application about two weeks size they are to be when finished.

#### MICE FLEE FROM MOTH BALLS. European authorities give a slightly different formula and recommend the

At the seed house of W. Atlee Burpee & Co., Philadelphia, moth balls potals are bouted into a phip such as are offered by druggists and and dried, but before completely dried, department stores as camphor or rose water is added and they are naphtha balls are scattered around the again benten and driel, the opera- bins in which the packages of seeds ton repeated until the pulp becomes dahlias will be benefited by a good dahlias will be benefited by a good very smooth. The beads are then watering with the garden hose. Where The beads are then fective in keeping mice away. This shaped and perforated. When very information will be useful to gardeners hard they are smoothed and polished, as a means of keeping mice away from after which they are rubbed with oil seed kept over for another season and of earth around the plant, about two of roses to give them gloss and per- and from bulbs, such as hyacinths, that N. J. of earth around the plant, about two of roses to give them gloss and perfect in diameter and into this basin fume. If a brass mortar is used they take a deep black color, through the in the cellar until the root system take a deep black color, through the gallie gold. three or four days.

On heavy soil with clay subsoil dahard contained in the roses. A marble morprofit by this suggestion. tar is used for the manufacture of

## MARQUIS WHEAT.

Marquis wheat has aroused muc! interest in the United States recently In a recent edition of the Garden about 7,000,000 bushels being har-Section of THE SUNDAY SUN a quota- vested in 1914.

Marquis wheat is a new spring vato the effect that poison ivy is not tral Experiment Farm, at Ottawa,

Where winter wheat can be grown Scientists have long since closed the it outyields any spring wheat. case of ivy poison with the result that Agriculture has issued a bulletin, No. The United States Department of t contains an oil which is extractable 732, on Marquis wheat.

Tiffin, Ohio leaves, stems, roots, pollen, fruit (of A variety of wheat is being adversuch varieties as bear fruit), and even tised in the West under the name of the dry twigs, the greater quantity "Titanic." The assertion is made that being in the leaves and fruit. It is it is a new variety of wheat, discovered this oil that is the direct cause of the in England about four years ago, and eruptions, which begin with redness that a small quantity of the seed was and a burning sensation, followed by brought to the United States by one of the survivors of the ill fated Titanic If the writer of the Fruit Grower The wheat is represented as having article is susceptible to tvy poisoning extremely high yielding power, the rehe might experiment by making conturns reaching as high as 7,000 fold.

tacts with the various parts of the A photograph of the head closely replant. The insect that lives on the sembles the widely exploited "Alaska" under side of the leaves could hardly wheat. Farmers will do well to test expected to live on the roots, and this new variety very cautiously befew of the latter should be broken fore planting it extensively.

#### POISONED BAIT FOR CUTWORMS. plant, including this microscopic in-

sect, will have vanished or be buried beneath the snow another experiment may be made by breaking up some of Poisoned bait for cutworms is prepared to protect large fields of growthe stems and rubbing the hands and face with them. The result may not be quite as rapid then as in summer, bran, 2 pounds of paris green and 6 when the pores of the skin are open finely chopped oranges or lemons. and the heat of the blood above nor- Low grade molasses is added until the mal, but a very satisfactory rash may whole mixture attains the consistency listened. of stiff dough. Water may be added if

hands and arms with a liberal use by cutworms.

The Department of Agriculture has issued a revised bulletin. No. 739, on cutworms. Sent free on application.

## WHAT'S IN A NAME?

polson, while a thorough scrubbing with soap and water will remove the Very often plant buyers pay their of the Lord was upon him molding poisonous oil that is the cause of all

## WHAT IS YOUR BEST ROSE?

What is your best rose and why?
We want to know and so do thousands of readers of The Sun Garden Departthe attention of the people to the What is your best rose and why? New York State School of Agricerned, tillage is the most important

in many foreign countries. operation in the home garden during printed lines of Sun space, less if de-It does not matter how fine plants sired. look before they are set into the gar-

We will give a dozen of the newer quiet, was pervasive and powerful. roses, selected for the locality in which Soldiers of peace, they left no path den or how good the seed may be of coal ashes, which should be spaded before planting, or how much fertilizer they are to be planted, for the ten best of ruin behind them filled with wrecked has been applied to the soil, if the soil July, August and September. has not been properly prepared by

#### Autumn Planting.

tillage the gardener will not have the prize consisting of 600 Holland bulbs Both yield and quality are largely of very best quality, 100 hyacinths, suful amateur, never prunes at all. She determined by the character of the perfine mixed, thirty red, thirty blue, trains her dwarf roses to the climbing tillage operations. The objects of tillthirty white, ten yellow; 100 single early tulips, mixed; 100 single late sorrow is a vanishing delusion. tulips, mixed; 100 Darwin tulips, Beauty is the ultimate, the English iris and 50 Spanish iris.

These ten bulb prizes will be given door bulb planting, bulbs planted in When God produced the best-the small greenhouse, autumn ornamental tree or fruit tree planting, autumn no brush can reproduce. work in the garden or any other sub-4. To aerate the soil by breaking up Ject relating to autumn garden work. called the painted desert. There are surface and allowing more air to The articles must be received by Au- surprises of beauty on every hand. penetrate the soil, which is essential gust 10.

The rose prizes will be delivered by parcel post anywhere in the United States or Canada. The bulb prizes will be shipped from New York city, but the winners of the bulb prizes will have the express charges to pay. Weight of boxes will be about pounds each. Address all communica- moving pictures of flashing splendor. tions to The Garden Department, THE SUN, New York.

Destroy the nests of tent caterpillars in trees as often as they are have laid down their lives. All are fairly well fixed. found. Once the caterpillars get the surface is thoroughly tilled the good start the trees will be killed.

#### MISSION OF BEAUTY

#### By C. S. HARRISON.

In the age of carbon there were no vate a soil when it is so moist that it vegetation must be canned up in coal passing loveliness. In the bay of the could be carried down through the with glass bottoms so they can look ages to the present.

There were no peonies or roses in those days—no grains, no fruits, no SIX animals adapted to human wants. But as the earth ripened for man we see primitive fruits and grains; then came domestic animals, and most wonderful f all God's gardens of precious gems are planted. These are marvellous in flowers which do not fade, have added been worth millions." to the wealth of the world! Turkey Think of the discoveries in fruits

has millions upon millions of precious the Wealthy, Grimes Gelden, Jonastones stored in her vaults. England than, Delicious apples and others has immense treasures of them. The which have come to reward the toil crown of Elizabeth was a blaze of of the orchardist. These present sucmagnificent. The young man gives coveries. It seems to be a law of his intended the most fragrant and nature that the nearer a plant is to charming roses and carnations and the original, the greater the tendency then puts a flashing jewel on her fin- to revert. Removed as far as poss

most costly monument the world had ever seen and he kept his word. He secured the services of the most famous architect of his time—the man who designed the Peacock Throne, which cost thirty millions. For this wast temple monument the wealth of India was poured out. Thousands of India was poured out. Thousands of large workmen toiled for years. Enormous quantities of richest gems glittered in the walls. The stately columns were ablaze with them. The mosaics were ablaze with them. The mosaics were ablaze with them. The mosaics were the triumph of wealth and art. And to-day, away in the heart of India, after ages of neglect and pillage, the costly structure rises like a vision. costly structure rises like a vision insignificent flower, mostly prized for from the land of dreams.

## Beauty Is for Immortals.

the gathered glory of earth and sky adorned these gates through which the weary day was passing. Though only fifteen months old and not able to speak a word, the scene awoke the soul of the child. He was thrilled with rapturous delight. Awe, reverence, adoration and ecstasy were on his countenance. He would look at us and then the glory, and in the unknown the gate of the child. He was thrilled with rapturous delight. Awe, reverence, adoration and ecstasy were on his countenance. He would look at us and then the glory, and in the unknown the grant of the child. He was thrilled with rapturous delight. Awe, reverence, adoration and ecstasy were on his countenance. He would look at us and then the glory, and in the unknown the glory and in the unknown the grant of the year reaching from the tiny and brave pumils to the tail giant, which brings the gate of the year than the glory, and in the unknown the grant of the year than the glory, and in the unknown the grant of the year than the glory and in the unknown the grant of the year than the glory and in the unknown the grant of the year than the glory and in the unknown the grant of the year than the glory and in the glory and in the unknown the grant of the year than the glory and in the unknown the grant of the year than the glory and the grant of the year than the glory and in the unknown the grant of the year than the glory and the grant of the year than the glory and the grant of the year than the glory and the grant of the year than the glory and the grant of the year than the glory and the grant of the year than the glory and the grant of the year than the glory and the grant of the year than the glory and the grant of the year than the glory and the grant of the year than the glory and the grant of the year than the glory and the grant of the year than the glory and the grant of the year than the glory and the grant of the year than the glory and the grant of the year than the glory and the grant of the year than the glory and the grant of the year than the ing crops from the ravages of cutthen at the glory, and in the unknown
worms by mixing 50 pounds of wheat
bran, 2 pounds of paris green and 6
pressive gestures of childhood he
then at the glory, and in the unknown
up the rear. What superb blooms with
selentific management and, therefore, the
garments woven from the sunset and
make \$100 yearly raising canaries, near
up the rear. What superb blooms with
selentific management and, therefore, the
carments woven from the sunset and
most skilful nase of most of the year.
This can be done only by the most
selentific management and, therefore, the
carments woven from the sunset and
make \$100 yearly raising canaries, near
make \$100 ye

become gentlemen and not boors.

removed the affected parts would heal reading "golden box" on a lot of varie- and became an enthusiastic florist.

money and take their choice-of his character. He was at the front

at the resurrection of a new era of progress which transformed the home. Samuel Parsons was a poet. He was a companion of the rose and his life was sweetened by it. What a visit we

ment. No matter where you live, whether in Maine or California, Canada or Florida. The Sun Garden Department is read all over America and beauty seemed to transform his children life. When he was dying his children Tell the story of your best rose and would bring in great armfuls of his why briefly, using not more than fifty favorites and they would refresh his desponding spirit and soothe his pain.

articles received each month during homes and broken hearts and sad paths they left were margined with lowers and overhung with luscious Ten prizes will also be given, each fruits. They left behind them smiles. benedictions and blessings. The time is coming when we will give due honor to the heroes of progress and peace. For war with its disaster, ruin an Beauty is the ultimate, the finish

mixed; 100 cottage tulips, mixed; 50 of all things. The apple orchard is English iris and 50 Spanish iris. beautiful in the fall, when the ripened for the ten best articles on autumn and fragrant fruit done up in red and planting. The articles may be on out- gold peers from its leafy coverts. the autumn for winter flowering, win- strawberry-he was not satisfied simdow gardens, on the conservatory of ply to minister to the taste. He wrapped it up in a tissue of beauty

We have vast desolations which are There are petrified forests, hills, mountains and plains over which the clouds ings, transforming sands and rocks into gardens of radiancy. In the tundras of the North are fields of flowers of millions of acres. Even the arctic night is brilliant with these In the tropics what treasures of loveliness! There are the exotics which through our Northland how entrancing are our forests! In the East are the kalmias, azalias and rhododenrons: in the West the viburnums, wahoos and hosts of ornamentals. In the mountains the most beautiful trees flowers. Utility came first. The oceans of oil must be distilled. The vegetation must be canned up in coal. beds so that the heat of the long ago Catalina Island people go out in boats into the deep where sea flowers are

#### Beauty Is Wealth.

There are Eldorados and Golcondas will make a business for any one man. the fields of floriculture and horticulture as well as in the mineral kingdom. I stood by the original Contheir splendor and all have their mis- cord grapevine in that quiet village sion in the uplift of humanity. The where it was born and could but say, diamond, the emerald, the topaz and "You grand, old mother, you little the sapphire, with scores of other know your worth or realize what you jewels, have their place in ministering have done. Think of the trainleads on jewels, have their place in ministering have done. Think of the trainloads on to the pleasures of men! How much trainloads of fruit which have gone these gardens of immortelles, these forth from your branches. You have the novice in the poultry business is to learn. This will take time—and more

The present crown is most cesses are the promises of future dis-Centuries ago Sha Jahan lost his greater the tendency to break out beautiful and beloved wife. When she was dying he promised her the she was dying he promised her the most costly monument the world had dahlia. What has been the result of now have a queen among our flowers. plant.

poured forth one of the most eloquent outbursts to which we had ever of the sky and earth. Many of them listened.

Thus it is ever. The beauty of the have a radiant and glistening reflective. The beauty of the have a radiant and glistening reflective in the same degree. I have been the more or less happy necessary, and middlings or alfalfa possessor of several acres of this vile plant and have had opportunity to explant and plant and glistening renecting the have a radiant and glistening renecting the had of the richest silk. New possessor of several acres of this vile.

Small quantities of this poison bait plant and have a radiant and glistening renecting the had of the richest silk. New possessor of several acres of this vile plant and have had opportunity to experiment with every kind of treatment that was suggested, but have found the ingredients.

The batt should be distributed over an oath."

Indeed of this vile in this poison bait bloom, pouring its fragrance on the proportionately all the ingredients.

The batt should be distributed over an oath."

Indeed of this vile in this poison bait bloom, pouring its fragrance on the cautiful la tulipe in full are some of the newer sorts, of imman who thinks it is "plum easy to win mense flowers. There is also a new out in this business had better move one which grows from five to six feet that the should have a united camber of the newer sorts, of imman who thinks it is "plum easy to win mense flowers. There is also a new out in this business had better move one which grows from five to six feet that the should have a united camber of the newer sorts, of imman who thinks it is "plum easy to win mense flowers."

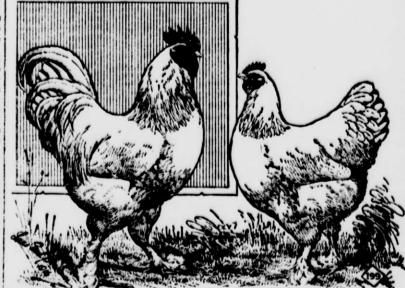
The batter of this poison bait bloom, pouring its fragrance on the mense flowers. There is also a new out in this business had better move one which grows from five to six feet that the should have a united camber of the newer sorts, of imman who thinks it is "plum easy to win mense flowers."

The batter of this poison bait bloom, pouring its fragrance on the mense flowers. There is also a new out in this business had better move one which grows from five to six feet the control of the newer sorts, of imman who thinks it is "plum easy to win the should be also a new out in this business had better move one which grows from five

> all of it in the barnyard they would India they had the sacred bull. We at the largest financial advantage. A father was greatly worried about her 1,000 pounds of butter a year. 'Dad, this is something I like. Let's and it is our province to follow up In a little plant shop not far from and go to raising flowers." The father vite you. Grand old Festiva maxima shility that is demanded in other callings Barclay street a label was observed consented gladly. The boy was saved has been worth over a million. A car- is necessary nation soid for a fabulous sum and cial proposition from beginning to end.

# GREETING SUMMER IN FIELD AND GARDEN POULTRY DIRECTORY

WHITE LANGSHANS



## ONE MAN POULTRY PLANT IS FEASIBLE

Offers Chance for Young Men to Make Living on Their Own Responsibility.

#### By G. R. SMITH. Author and Practical Poultryman.

The "One Man Poultry Plant" is now shan is a most valuable breed for eco pretty clearly defined institution. It nomic purposes. It is very tame and has not yet passed fully out of the exembellish our greenhouses. There are perimental stage, but its conditions and range. The fowls are active and their the famous orchids for which men its limitations, as well as its possibilities. Thousands of our young men ar

terested. They are burning for a busi- Females weigh from six to eight pounds, ness opportunity. A little light thrown and the males eight to ten pounds. These over this phase of the rapidly growing are the weights demanded by the standmodern industry of poultry culture may ard for the breed, although many specion earth are held in reserve for the help solve a man's problem of life on mens exceed these weights. When

Cramped quarters are a serious handicap with poultry as in any business. The "One Man Plant" must be no diminutive thing. The little back yard laying house s necessary if we are to get the most out of life; but neither fifteen hens nor fifty

#### Five Acres or More.

There should be a farm of at least five cres. Every foot of this ground should be available for instant use every day of the year. Room is of supreme importance in poultry culture. It is so important that, instead of five acres, fifty would slowly toward this new calling. If he that of selecting a piot of one or two acres only as a basis of operation. Most wild birds live from Labrador to Central time than most men think America, according to the season. Do nestic fowls are only wild birds tamed, confined within controllable limits. The less space they are allowed, therefore, the nore the deepest instincts of their na-

Surely there is room enough between the oceans for every poultryman to have all the acres he needs to make his busiless the greatest po less than five acres; fifty if possible, as the basis of operations.

insignificent flower, mostly prized for its foliage, but by skill and patience, one man making 40,000 crosses, we now have a queen among our flowers.

prevent the disease. After pulling it the infested field in small lumps and out of the garden hedge, where it has sprinkled sparingly around each hill a habit of making its appearance, or after a canoeling trip on the river, where it is sometimes necessary to make a carry through a growth of poison ivy, a thorough washing of the hands and arms with a liberal use now have the sacred cow, which gives counts the cost of buying tons of feed at her 1,000 pounds of butter a year, retail prices, and computes the profits of a wayward son. One day he took him Thousands should be expended to pro- purchasing by the carload. He has the a wayward son. One day he took him in a greenhouse and then they walked hrough a flower garden on the outside. Here we stand on fields won by others ple. He's an all round business man. There's a great business opportunity in

ability that is demanded in other callings here. It is simply a finan very quickly. The use of any grease of or an is sugdr oil preparation, such as is suggested in the article referred to, is to
be avoided as a preparation of this

Teading golden by the first and like any other business from making and enthat was the beginning of its value. How much is now invested in flowers have had the pleasure of an acquaintthey were labelled euonymous nobody wanted them, so we changed the label and the pleasure of an acquaintand new greenhouses, which are going ability, a vision that can see vividity and the capacity and

The Langshan fowl, according to reognized authorities, is a fowl of Japanese origin. Investigators report that it is to be found in its purity in the Langshan district of China, and is there bred as all the colors with which the American fanciers are familiar-white, black, blue and mottled. Importations have been made by fanciers in England, America and Australia. Although like all Asiatic varieties, the Langshan is noted for heavy weight, it has also made enviable records as a layer. A pen of Black Langshans won the first place in the egg laying competition in Australia, cast their exquisite shadings and tint- PLENTY OF ROOM NEEDED which was a noteworthy performance inasmuch as they were in competition with ninety-nine pens of all varieties of poultry.

> There is no question that the Lang adapts itself to confinement or free eggs are usually very fertile. Like all Asiatics, the chicks make a strong, vigorous growth, and are slow to feather. and the white variety is preferable to the black because of the absence of dark pin feathers, which are objectionable on prime table stock.
>
> The White Langshan should be pure white; its comb face and wattles blood red, the legs and bill pinkish white and the skin white. Its legs are long and

the patience to handle successfully many small details and who loves the and care of beautiful fowls, will find

#### Things That Make for Success. 1. Stock with native stamina.

a metal that has the possibilities of steel within it. This one man farm must have a metal that within it. This one man farm must have within it. This one man farm must have as its foundation stock birds that have toughness of fibre, eyes that gleam like diamonds, muscles and nerves and bones diamonds, muscles and nerves and bones. Buildings and Equipment.

The buildings and yards should be bird. Nothing short of a 100 per cent.

Beauty is for immortals.

Animals cannot appreciate it. Along in the 50s I used to ride through the vast native flower gardens of Minneston would meet the sapphire of the sky in the distant horizon. Often I would try and interest my horse, but he care in the distant horizon. Often I would try and interest my horse, but he care in the distant horizon. Often I would try and interest my horse, but he care in the distant horizon. Often I would try and interest my horse, but he care in the distant horizon. Often I would try and interest my horse, but he care in the distant horizon. Often I would try and interest my horse, but he care in the distant horizon. Often I would try and interest my horse, but he care in the distant horizon. Often I would try and interest my horse, but he care in the distant horizon. Often I would try and interest my horse, but he care in the distant horizon. Often I would try and interest my horse, but he care in the distant horizon. Often I would try and with the peony! Three thousand interest my horse, but he care in the distant horizon. Often I would try and with the peony! Three thousand interest my horse, but he care in the distant horizon. Often I would try and with the peony! Three thousand interest my horse, but he care in the distant horizon. Often I would try and exit the peony! Three thousand the detail so one of the care in the distant horizon. Often I would try and exit the distant horizon. Often I would try and with the peony! Three thousand the detail so one of the care in the distant horizon. Often I would try and minute detail. So in the cage it was turn, the double flower the product of nature and art, the joint victory of the sould be four feet below the surface, and the ceiling should be eight capacity of 500 to 1.000 clicks, should be eight capacity of 500 to 1.000 clicks, should be eight capacity of 500 to 1.000 clicks, should be eight capacity of 500 to 1.000 clicks, should be eight capacity of 500 to 1.000 clicks, should be eight capacity of 500 to 1.000 clicks, shou man to the business now and ther



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